



DM-10/2003

ATTORNEY DOCKET NO: KMS-2-CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Raghavan, et al.) Group Art Unit: 1624
Serial No: 10/609,151)
Filed: July 29, 2003) Examiner: Kahsay Habte
Confirmation No: 7694) Our Account No: 04-1403
Title: Novel Substituted Calix (4) Pyrroles And Process For)
The Synthesis Of Calix (4) Pyrroles Over Molecular)
Sieve Catalysts)

Commissioner for Patents
U.S. Patent and Trademark Office
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Sir:

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1.[x] Attached hereto is:

- a.[x] A list of materials for consideration per Rule 98(a)(1): 2 page(s)
- b.[x] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98 and/or as indicated on the attached list(s):
18 item(s)
- c. [] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: _____

[] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2.[x] This Information Disclosure Statement is being filed [CHECK ONE]:

- a.[x] WITHIN THREE MONTHS of the application filing date, national stage date of entry, or along with or after a request for continued examination, OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b. [] AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
 - i. [] Certification per Rule 97(e); OR
 - ii. [] Filing Fee per Rule 17(p)\$180.00
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4.[x] DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

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By: Christina L. Mangelsen, Patent Agent

Reg. No: 50,244

Signature: Christina L. Mangelsen

Date: December 22, 2004



(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)		Attorney Docket Number: KMS-2-CON	Serial Number: 10/609,151
		Applicant: Raghavan, et al.	
		Filing Date: July 29, 2003	Group Art Unit: 1624
		Confirmation No: 7694	

NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]

- (1) This item is cumulative, per Rule 98(c).
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:
USSN 09/796,102, filed 02/28/2001, or
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- (3) Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (4) Both reasons (1) and (2) apply
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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER	ISSUE DATE	COPY NOTE

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER	PUBLICATION DATE	COPY NOTE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION			COPY NOTE
				YES	NO	N/A	
	GB	2 0 2 3 5 9 4 A	01/03/1980			X	
	WO	9 3 1 3 1 5 0	07/08/1993			X	2
	WO	9 7 3 7 9 9 5	10/16/1997			X	2

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EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	COPY NOTE
	Article – <i>Substituted trifluoromethyl phenyl piperazines as anorectic agents</i> , Peter E. Cross, Roger P. Dickinson, Geoffrey Halliwell, and John E. G. Kemp, Eur. J. Med. Chem. – Chimica Therapeutical, Vol. 12, No. 2, March-April 1977, pp. 173-176	

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	Article – <i>Fluoride recognition in 'super-extended cavity' calix[4]pyrroles</i> , Salvatore Camiolo and Philip A. Gale, Chem. Commun., 2000, pp. 1129-1130		
	Article – <i>Functionalized calix[4]pyrroles</i> , Jonathan L. Sessler, Pavel Anzenbacher, Jr., Karolina Jursíková, Hidekazu Miyaji, John W. Genge, Nicolai A. Tvermoes, William E. Allen, and James A. Shriver, Pure & Appl. Chem., Vol. 70, No. 12, 1998, pp. 2401-2408		
	Article by Bayer, Ber. Disctz. Chem. Ger., 1886, Vol. 19, p. 2184		4
	Article by Dennstedt and Zimmerman, Ber. Disctz. Chem. Ger., 1887, Vol. 20, p. 850		4
	Article by Chelintzev and Toronov, J. Russ. Phys. Chem. Soc., 1916, Vol. 48, pp. 1197 and Chem Abstr., 1917, Vol. 11, pp. 1418		4
	Article by Chelintzev, Tronov, and Kurmunov, J. Russ. Phys. Chem. Soc., 1916, Vol. 48, p. 1210		4
	Article by Rothenmund and Gage, J. Am. Chem. Soc., 1955, Vol. 55, p. 3740		4
	Article by Brown, Iluichioson, and Mackinon, Can. J. of Chem., 1971, Vol. 49, p. 4017		4
	Article by B. Dietrich, P. Viout, and J. M. Lehn, Macrocyclic Chemistry, VCH, Publishers, Weinheim, 1993, p. 82		4
	Article by Floriani, et al., Chem. Commun., 1996, p. 1257		4
	Article by Floriani, et al., J. Am. Chem. Soc., 1995, Vol. 117, p. 2793		4
	Article by P. A. Gale, et al., Tet Lett 37(44), 1996, p. 7881 and Chem com 1998, 1		4
	Article by D. W. Breck, Zeolite molecular sieves: Structure, Chemistry and Use, Wiley and Sons, London, 1974		4
	Article by C. T. Kresge, M. E. Leonowicz, W. J. Roth, J. C. Vartuli, and J. S. Beck, Nature, Vol. 359, 1992, p. 710		4
EXAMINER		DATE CONSIDERED	
Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			